

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Claims 1-35 (cancelled)

Claim 36 (New):

A method comprising:

on a server computer:

creating display content comprising a static component and a dynamic component, wherein the dynamic component has content renderable on a client computer based on a user profile; and

storing the static and dynamic components in a cache; and

on the client computer, in response to a request from the client computer:

receiving the static and dynamic components from the server cache;

reading a user profile stored on the client computer; and

rendering the content on the client computer according to the static and dynamic components and the user profile.

Claim 37 (New):

The method as recited in claim 36, wherein the client specific network page resultant from execution of the client-function component is unique to the client.

Claim 38 (New):

The method as recited in claim 36, wherein the client specific network page resultant from execution of the client-function component is unique to a specified group of clients.

Claim 39 (New):

The method as recited in claim 36, wherein during its execution the client-function component uses information obtained from other network sources in creating the client specific network page.

Claim 40 (New):

A method as recited in claim 36, wherein the file format of cached information is selected from the group consisting of Extensible Markup Language (XML) and HyperText Markup Language (HTML).

Claim 41 (New):

A method as recited in claim 36, wherein the client is a communication device selected from the group consisting of virtual reality devices, audio devices, low screen resolution display systems, wireless devices, personal digital assistants, pagers, mobile phones, systems for the visually impaired, local area network devices, and Internet enabled appliances.

Claim 42 (New):

A computer readable memory device embodying a computer program of instructions executable by a computer, the instructions comprising:

on a server computer:

creating display content comprising a static component and a dynamic component, wherein the dynamic component has content renderable on a client computer based on a user profile; and

storing the static and dynamic components in a cache; and

on the client computer, in response to a request from the client computer:

receiving the static and dynamic components from the server cache;

reading a user profile stored on the client computer; and

rendering the content on the client computer according to the static and dynamic components and the user profile.

Claim 43 (New):

The computer readable memory as recited as in claim 42, wherein the client specific network page resultant from execution of the client-function component is unique to the client.

Claim 44 (New):

The computer readable memory as recited as in claim 42, wherein the client specific network page resultant from execution of the client-function component is unique to a specified group of clients.

Claim 45 (New):

The computer readable memory as recited as in claim 42, wherein during its execution the client-function component uses information obtained from other network sources in creating the client specific network page.

Claim 46 (New):

The computer readable memory as recited as in claim 42, wherein the file format of cached information is selected from the group consisting of Extensible Markup Language (XML) and HyperText Markup Language (HTML).

Claim 47 (New):

The computer readable memory as recited as in claim 42, wherein the client is a communication device selected from the group consisting of virtual reality devices, audio devices, low screen resolution display systems, wireless devices, personal digital assistants, pagers, mobile phones, systems for the visually impaired, local area network devices, and Internet enabled appliances.

Claim 48 (New):

A method, comprising:

on a server computer:

generating multiple preselected content-display components;

storing the multiple preselected content-display components in cache memory on the server;

if the content of one of the content-display components changes,

regenerating the one changed preselected content-display component and

replacing the corresponding stored preselected content-display component in cache memory on the server with the regenerated preselected content-display component;

in response to a request from a client computer for a particular network page, if one of the stored content-display components is needed to fulfill the request,

retrieving the content-display component from cache memory on the server;

otherwise,

generating a new content-display component needed to fulfill the request;

dynamically creating a transmitted component comprising a client-content-display component resulting from the content-display component, wherein the transmitted component further comprises a client-function component, wherein the client-function component comprises information specific to the client; and

transmitting the transmitted component to the client; and

on the client;

receiving the transmitted component from the server;

executing the client-function component, wherein execution of the client-function component modifies the client-content-display component results in a client specific network page; and

displaying the resultant client specific network page.

Claim 49 (New):

The method as recited in claim 48, wherein the information specific to the client used to create the client-function component is stored in cache memory on the server.

Claim 50 (New):

The method as recited in claim 48, wherein the client specific network page resultant from execution of the client-function component is unique to the client.

Claim 51 (New):

The method as recited in claim 48, wherein the client specific network page resultant from execution of the client-function component is unique to a specified group of clients.

Claim 52 (New):

The method as recited in claim 48, wherein during its execution the client-function component uses personalized information resident on the client in creating the client specific network page.

Claim 53 (New):

The method as recited in claim 48, wherein during its execution the client-function component uses information obtained from other network sources in creating the client specific network page.

Claim 54 (New):

A method as recited in claim 48, wherein the file format of cached information is selected from the group consisting of Extensible Markup Language (XML) and HyperText Markup Language (HTML).

Claim 55 (New):

A method as recited in claim 48, wherein the client is a communication device selected from the group consisting of virtual reality devices, audio devices, low screen resolution display systems, wireless devices, personal digital assistants, pagers, mobile phones, systems for the visually impaired, local area network devices, and Internet enabled appliances.

Claim 56 (New):

A method as recited in claim 48, wherein the step rendering the client display on the client comprises presentation of the client display as a web page on the client.

Claim 57 (New):

A method as recited in claim 48, wherein the step creating the client display is dependent upon information obtained from server dynamic libraries.

Claim 58 (New):

The method as recited in claim 48, further comprising:

on a server computer prior to the step dynamically creating the transmitted component:

generating an item of information specific to the client;

storing the item of information specific to the client in cache memory on the server;

if the content of the item of information specific to the client changes,

regenerating the changed item of information specific to the client and

replacing the corresponding stored item of information specific to the client in cache memory on the server with the regenerated item of information specific to the client;

in response to a request from a client computer for a particular network page, if the item of information specific to the client is needed to fulfill the request,

retrieving the item of information specific to the client from cache memory on the server;

otherwise,

retrieving the item of information specific to the client needed to fulfill the request from other than cache memory on the server.

Claim 59 (New):

A computer readable memory device embodying a computer program of instructions executable by a computer, the instructions comprising:

on a server computer:

generating multiple preselected content-display components;

storing the multiple preselected content-display components in cache memory on the server;

if the content of one of the content-display components changes,

regenerating the one changed preselected content-display component and

replacing the corresponding stored preselected content-display component in cache memory on the server with the regenerated preselected content-display component;

in response to a request from a client computer for a particular network page, if one of the stored content-display components is needed to fulfill the request,

retrieving the content-display component from cache memory on the server;

otherwise,

generating a new content-display component needed to fulfill the request;

dynamically creating a transmitted component comprising a client-content-display component resulting from the content-display component, wherein the transmitted component further comprises a client-function component, wherein the client-function component comprises information specific to the

client; and

transmitting the transmitted component to the client; and

on the client;

receiving the transmitted component from the server;

executing the client-function component, wherein execution of the client-function component modifies the client-content-display component results in a client specific network page; and

displaying the resultant client specific network page.

Claim 60 (New):

The computer readable memory as recited as in claim 59, wherein the information specific to the client used to create the client-function component is stored in cache memory on the server.

Claim 61 (New):

The computer readable memory as recited as in claim 59, wherein the client specific network page resultant from execution of the client-function component is unique to the client.

Claim 62 (New):

The computer readable memory as recited as in claim 59, wherein the client specific network page resultant from execution of the client-function component is unique to a specified group of clients.

Claim 63 (New):

The computer readable memory as recited as in claim 59, wherein during its execution the client-function component uses personalized information resident on the client in creating the client specific network page.

Claim 64 (New):

The computer readable memory as recited as in claim 59, wherein during its execution the client-function component uses information obtained from other network sources in creating the client specific network page.

Claim 65 (New):

The computer readable memory as recited as in claim 59, wherein the file format of cached information is selected from the group consisting of Extensible Markup Language (XML) and HyperText Markup Language (HTML).

Claim 66 (New):

The computer readable memory as recited as in claim 59, wherein the client is

a communication device selected from the group consisting of virtual reality devices, audio devices, low screen resolution display systems, wireless devices, personal digital assistants, pagers, mobile phones, systems for the visually impaired, local area network devices, and Internet enabled appliances.

Claim 67 (New):

The computer readable memory as recited as in claim 59, wherein the step rendering the client display on the client comprises presentation of the client display as a web page on the client.

Claim 68 (New):

The computer readable memory as recited as in claim 59, wherein the step creating the client display is dependent upon information obtained from server dynamic libraries.

Claim 69 (New):

The computer readable memory as recited in claim 59, the instructions further comprising:

on a server computer prior to the step dynamically creating the transmitted component:

generating an item of information specific to the client;

storing the item of information specific to the client in cache memory on the server;

if the content of the item of information specific to the client changes,

regenerating the changed item of information specific to the client and

replacing the corresponding stored item of information specific to the client in cache memory on the server with the regenerated item of information specific to the client;

in response to a request from a client computer for a particular network page, if the item of information specific to the client is needed to fulfill the request,

retrieving the item of information specific to the client from cache memory on the server;

otherwise,

retrieving the item of information specific to the client
needed to fulfill the request from other than cache
memory on the server.